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To: Company: Fax Number: Tel Number:  
Examiner: U.S. Patent and Trademark Office 571 - 273 - 8300  
Pohnert, Steven C Art Unit 1634

From: Y. Jenny Luo, Ph.D.

For internal purposes only: Please Return Fax to Rosa V.

Date: August 14, 2006

Client number: 89212.0017

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MESSAGE:

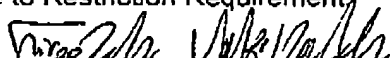
RE: U.S. Patent Application Serial No.: 10/801,956; Our Ref. 89212.0017

I hereby certify that the following documents:

- ☒ Amendment Transmittal Letter.
- ☒ Amendment and Response to Restriction Requirement.

August 14, 2006

Date of Deposit

  
Firoozeh Vakilzadeh

are being facsimiled to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450., for filing in the above-identified application.

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MLA - 039212000017 - 319780 v1

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FORM PTO-1083

AUG 14 2006

PATENT  
Attorney Docket No. 89212.0017  
Customer No. 26021

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Akihide FUJIMOTO, et al.

Serial No: 10/801,956

Filed: March 15, 2004

For: LOSS OF HETEROZYGOSITY OF THE DNA MARKERS  
IN THE 12Q22-23 REGION

Art Unit: 1634

Examiner: Pohnert, Steven C

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is an amendment in the above-identified application.

☒ Amendment and Response to Restriction Requirement.

The fee has been calculated as shown below:

	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT		(Col. 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA*	LG/SM \$ ENTITY FEE		ADD'L FEE DUE
TOTAL CLAIMS FEE	80	-20	73 **	0	LG=\$50 SM=\$25	\$25	\$ 175.
INDEPENDENT CLAIMS FEE	7	-3	10 ***	0	LG=\$200 SM=\$100	\$200	\$ 0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS					LARGE ENTITY FEE = \$360 SMALL ENTITY FEE = \$180		\$
Independent Claims:					TOTAL		\$ 175.

\* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box on Col. 1 of a prior amendment or the number of claims originally filed.

- ☒ Please charge the amount of \$ 175. to cover the additional claims fee to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
- ☐ Please charge the amount of \$      to cover the      extension fee to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge any deficiencies of fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
- ☒ Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims
- ☒ Any patent application processing fees under 37 C.F.R. § 1.17

Respectfully submitted,  
HOGAN & HARTSON L.L.P.By: Y. Jenny Luo, Ph.D.  
Registration No. 54,284  
Attorney for Applicant(s)Date: August 14, 2006  
Biltmore Tower  
500 South Grand Avenue, Suite 1900  
Telephone: 213 337-6700  
Facsimile: 213 337-6701

Application Serial No. 10/801,956

PATENT  
89212.0017**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****RECEIVED  
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In re application of:

Akihide FUJIMOTO, et al.

Serial No: 10/801,956

Filed: March 15, 2004

For: **LOSS OF HETEROZYGOSITY OF THE  
DNA MARKERS IN THE 12Q22-23  
REGION**

Art Unit: 1634

Examiner: Pohnert, Steven C

**AMENDMENT AND RESPONSE TO  
RESTRICTION REQUIREMENT**Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this correspondence is being transmitted via facsimile to (571) 273-8300:	
Commissioner for Patents	
P.O. Box 1450	
Alexandria, VA 22313-1450, on	
August 14, 2006	
Date of Deposit	
Firoozeh Vakilzadeh	
Name	
Signature	8/14/06
	Date

Dear Sir:

In response to the Restriction Requirement dated July 12, 2006 ("Restriction Requirement"), please amend the above-referenced application as follows:

**Amendment to the specification begins on page 2 of this paper.**

**Amendments to the claims are reflected in the listing of claims which begins on page 3 of this paper.**

**Remarks/Arguments begin on page 12 of this paper.**

Also, Applicants hereby elect Group I (claims 4-5, 9-10, 20-21, 29-30, 38-39, 48-49, and 62-63) for prosecution on the merits in the subject application. As confirmed by the Examiner during a telephone conversation with Applicants' agent, Y. Jenny Luo, linking claims 1-3, 6-8, 11-19, 22-28, 31-37, 40-47, 50-61, and 64-70 will be examined together with those listed in Group I.

In addition, Applicants elect with traverse a combination of D12S1657, D12S393, D12S1706, and D12S346 from claims 4, 9, 20, 29, 38, 48, and 62 for prosecution on the merits. This election is reflected in new claims 74-80.

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